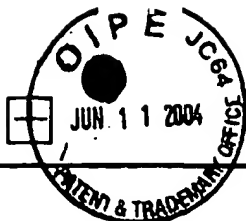


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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	09/805,500	
			Filing Date	March 13, 2000	
			First Named Inventor	Arun Ayyagari	
			Group Art Unit	2152	
			Examiner Name	Unknown	
Sheet	1	of	3	Attorney Docket Number	207199 Technology Center 2600

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
hc		5,850,181		Heinrich et al.	12/15/1998	

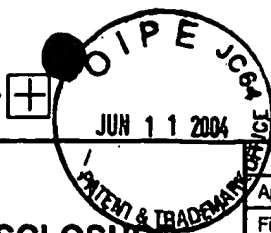
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
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OTHER - NON PATENT LITERATURE DOCUMENTS				
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			Yes	No**
hc		BENINI, LUCA, et al., "Monitoring System Activity for OS-Directed Dynamic Power Management", <i>In Proceedings of 1998 ACM ISLPED</i> , pp. 185-190 ✓		
hc		BENINI, LUCA, et al., "Dynamic Power Management of Electronic Systems", in <i>Proceedings of the 1998 IEEE/ACM ICCAD</i> , November 8-12, 1998, San Jose CA, pp. 696-704 ✓		
hc		HINCKLEY, K., et al., "Sensing Techniques for Mobile Interaction", <i>ACM UIST 2000 Symposium on User Interface Software & Technology</i> , CHI Letters 2 (2), pp. 91-100 ✓		
hc		Intel Microsoft Toshiba, "Advanced Configuration and Power Interface", Revision 1.0, February 2, 1999, 323 pages ✓		

Examiner Signature	<i>Hongbo</i>	Date Considered	9/28/04
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- * A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

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Application Number 09/805,500
Filing Date March 13, 2001
First Named Inventor Arun Ayyagari
Group Art Unit 2152
Examiner Name Unknown
Attorney Docket Number 207199

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OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No*
hc		SIMUNIC, TAJANA, et al., "Dynamic Power Management for Portable Systems", <i>In Proceedings of ACM MOBICOM 2000</i> , August 2000, Boston, MA pp. 11-19 ✓		
hc		SIMUNIC, TAJANA, et al., "Dynamic Voltage Scaling and Power Management for Portable Systems", <i>In Proceedings of ACM DAC 2001</i> , August 2001, pp. 524-529 ✓		
hc		FLEISHMAN, GLENN, "New Wireless Standards Challenge 802.11b, The O'Reilly Network, at http://www.oreillynet.com/lpt/a/wireless/2001/05/08/standards.html (June 8, 2001), pp. 1-4 ✓		
hc		FLICKENGER, ROB, 802.11B Tips, Tricks and Facts, The O'Reilly Network, retrieved from http://www.oreillynet.com/lpt/a/wireless/2001/03/02/802.11b_facts.html (March 2, 2001), pp. 1-3 ✓		
hc		Press Release, "Atheros Communications, Atheros Ships Combo Rolling Three WLAN Standards into a Single Solution", retrieved from www.atheros.com/news/combo.html (March 11, 2002) pp. 1-3 ✓		
		Atheros Communications, AR5001X Combo WLAN Solution Brochure, retrieved from www.atheros.com pp. 1-2 ✓		
		NOBEL, CARMEL, "For WLAN, It's 802.11bm Eweek retrieved from www.eweek.com/print_article/0.3668.a=18648.00.asp (November 19, 2001) pp. 1-2 ✓		
		NANDAGOPAL, T., et al., "A Unified Architecture for the Design and Evaluation of Wireless Fair Queueing Algorithms", <i>ACM.MobiCom-1999, in-proceedings of The Fifth Annual ACM/IEEE International Conference on Mobile Computing and Networking</i> (August 1999) pp. 132-142 ✓		
		KESHAV, S., "On the Efficient Implementation of Fair Queueing" <i>Internetworking, Research and Experience</i> , Vol. 2, No. 3, 157-173 (1991) ✓		
		BHARGHAVAN, V., et al., "Fair Queueing in Wireless Networks: Issues and Approaches", <i>IEEE Personal Communications Magazine</i> , pp. 44-53 (February 1999) ✓		
		PAREKH, A.K., et al., "A Generalized Processor Sharing Approach to Flow Control in Integrated-Services-Networks: The Single-Node Case", <i>IEEE/ACM Transactions on Networking</i> , Vol. 1, No. 3, pp. 344-357 (June 1993) ✓		
		PAREKH, A.K., et al., "A Generalized Processor Sharing Approach to Flow Control in Integrated-Services Networks: The Multiple Node Case", <i>IEEE/ACM Transactions on Networking</i> , Vol. 2, No. 2, pp. 137-150 (March 1994) ✓		
		NG, T.S., "Packet Fair Queueing: Algorithms for Wireless Networks with Location-Dependent Errors", <i>Proceedings of IEEE INFOCOM '98, The Conference on Computer Communications Vol. 3, Seventh Annual Joint Conference of the IEEE Computer and Communications Societies</i> , pp. 1103-1111 (March 1998) ✓		
		LETTIERI et al., "Advances in Wireless Terminals," <i>IEEE Personal Communications</i> , Vol. 6, No. 1, (February 1999), pp. 6-19 ✓		
		YUNG-HSIANG LU et al., "Requester-Aware Power Reduction," <i>IEEE</i> , 20 September 2000 (2000-09-02), PP. 18-23 ✓		
		BENINI et al., "System-level Dynamic Power Management," <i>Low-Power Design, 1999; Proceedings. IEEE Alessandro Volta Memorial Workshop On Como, Italy 4-5 March 1999; Los-Alamos, CA, USA, IEEE Comput. Soc, US, 4 March 1999 (1999-03-04)</i> , pp. 23-31 ✓		
Examiner Signature		<i>Aronzaldo</i>	Date Considered	9/28/04

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT


Sheet	3	of	3
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Application Number	09/805,500
Filing Date	March 13, 2001
First Named Inventor	Arun Ayyagari
Group Art Unit	2152
Examiner Name	Unknown
Attorney Docket Number	207199

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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet	1	of	1
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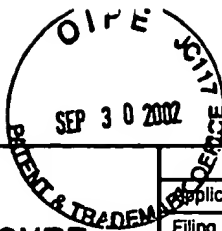
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				Application Number		09/805,500
				Filing Date		March 13, 2001
				First Named Inventor		Arun Ayyagari
				Group Art Unit		2152
				Examiner Name		Unknown
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OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
hc		Steve Kleynhans, <i>IBM: Back in the PC Game</i> , ZDNet, at http://www.zdnet.com/filters/printerfriendly/0,6061,2868907-92,00.html (last visited Sept. 16, 2002)		
hc		Wayport's Successful Trial of Microsoft Windows XP and 802.1x Forecasts a More Secure Environment for Wireless Users, HITEC Online 2002 Edition, at http://online.hitec.org/news/4009856.2000343.htm (last visited Sept. 16, 2002)		
hc		Wireless LAN Computing with IBM Personal Devices, IBM White Paper, IBM Personal Systems Group, December 2001, 9 pg.		
hc		Barb Bowman, <i>Unplugged and Unwired</i> , Microsoft Corp. at http://www.microsoft.com/windowsxp/expertzone/columns/bowman/june11.asp (last visited Sept. 16, 2002)		
hc		Windows XP Segment Analysis for the IBM ThinkPad Notebook Platform, Strategic Relationship Marketing, October 2001, 1 pg.		
hc		Boingo Launches Nationwide Wi-Fi Service, Boingo Wireless Press Releases at http://www.boingo.com/pr/pr3.html (last visited Sept. 20, 2002)		
hc		Boingo Wireless Announces Founding and Funding, Boingo Wireless Press Releases at http://www.boingo.com/pr/pr1.html (last visited Sept. 20, 2002)		
hc		802.11b has reached "escape velocity", Boingo Wireless Market Overview at http://www.boingo.com/marketoverview.html (last visited Sept. 20, 2002)		
hc		Wireless where you want: Wi-Fi is the guerilla revolution of wireless computing, The Seattle Times: Wireless where you want at http://seattletimes.nwsources.com/html/business/technology/134402814_wirelesslan11.html (last visited Sept. 20, 2002)		
hc		Wireless Technology, Wireless Technology, at http://www.microsoft.com/hwdev/wireless/ (last visited Dec. 8, 2000)		
hc		Daniel L. Lough et al., A Short Tutorial on Wireless LANs and IEEE 802.11, IEEE 802.11 Short Tutorial at http://www.computer.org/students/looking/summer97/ieee802.htm (last visited Dec. 12, 2000)		
hc		Mubashir Alam, <i>Descriptive Analysis of IEEE 802.11 Standard for Wireless Networks</i> , at http://triton.cc.gatech.edu/ubicomp.257 (last visited Dec. 12, 2000)		
hc		Zero Configuration Networking (zeroconf), at http://www.zeroconf.org/ (last visited Dec. 12, 2000)		
hc		Stuart Cheshire, <i>Dynamic Configuration of IPv4 link-local addresses</i> , Apple Computer, at http://www.zeroconf.org/draft-ietf-zeroconf-ipv4-linklocal-00.txt (last visited Dec. 12, 2002)		
hc		H. Hattig, editor, <i>Zeroconf Requirements draft-ietf-zeroconf-reqts-06.txt</i> , Intel Corp. at http://www.ietf.org/internet-drafts/draft-ietf-zeroconf-reqts.06.txt (last visited Dec. 12, 2002)		
hc		Enabling IEEE 802.11 Networks With Windows "Whistler", at http://www.micorsoft.com/hwdev/wireless/IEEE802Net.htm (last visited Dec. 8, 2000)		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/805,500
Filing Date	March 13, 2001
First Named Inventor	AYYAGARI
Group Art Unit	2152
Examiner Name	
Attorney Docket Number	207199

Sheet 1 of 2

U.S. PATENT DOCUMENTS

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OTHER - NON PATENT LITERATURE DOCUMENTS

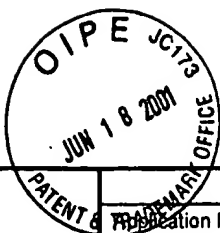
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
	AA	<u>Specification of the Bluetooth System</u> , v.1.0B, Dec. 1, 1999.		
	AB	Riku METTALA et al., <u>Bluetooth Protocol Architecture</u> (White Paper), v1.0, Nokia Mobile Phones, Sept. 29, 1999.		
	AC	Brent MILLER et al., <u>Mapping Salutation Architecture APIs to Bluetooth Service Discovery Layer</u> (White Paper), v. 1.0, IBM Corporation, July 1, 1999.		
	AD	IEEE Standard, 802.11, Part 11: <u>Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications</u> , 1 st Ed. 1999, and Supplements 802.11a-1999 and 802.11b-1999.		
	AE	Bob O'HARA and Al PETRICK, <u>IEEE 802.11 Handbook A Designer's Companion</u> , Dec. 1999.		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Publication Number

09/805.500

Filing Date

March 13, 2001

First Named Inventor

AYYAGARI

Group Art Unit

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Doc.
No.

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Translation

Yes

 No^{*+}

AF

C. RIGNEY et al., RFC.2865, "Remote-Authentication Dial in User Service (Radius)", The Internet Society, June 2000.

AG

B. ABODA and D. SIMON, RFC 2716, "PPP EAP TLS Authentication Protocol", The Internet Society, Oct. 1999.

АН

L. BLUNK and J. VOLLBRECHT, RFC 2284, "PPP Extensible Authentication Protocol (EAP). The Internet Society. March 1998.

AI

IEEE 802.11 Security White paper, v0.1, Windows Network Infrastructure team, Microsoft Corporation. March 15, 2000.

AJ

T. MULLER, Bluetooth Security Architecture (White Paper), v.1.0, July 15, 1999.

AK

IEEE 802.1X-Supported Scenarios, Windows Network Infrastructure team, Microsoft Corporation, v0.1, April 7, 2000.

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